ZLAC8015D 上位机使用说明

ZLAC8015D PC Software Instruction

版本/Version	说明/Description	日期/Date
V1.00	初版/First Edition	2023/9/11

目录

CATALOG

1、选择中英文版本上位机（上位机软件只能使用 RS485 连接）

Select Chinese and English versions of PC software

（The software only supports RS485 protocol）

1.1、打开上位机软件

Open software

双击上位机应用文件 → 出现如下图对话框 → 选择“English”，上位机就是英文版本，不选择，上位机就是中文版本 → 选择对应的驱动器型号。

Double → Click the software icon → The dialog box appears as follows → If wanting English version, click "English", if wanting Chinese version,do not click "English" → Select the corresponding driver part number.

中文版本（Chinese version）

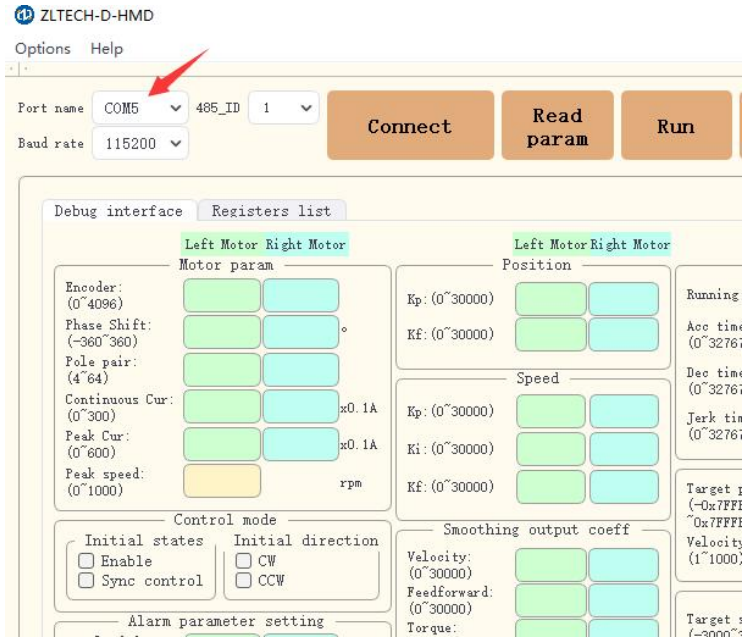
英文版本（English version）

2、使用上位机控制电机运行 Use PC software to control motor

2.1、给驱动器上电，选择对应的串口、485 站号和波特率

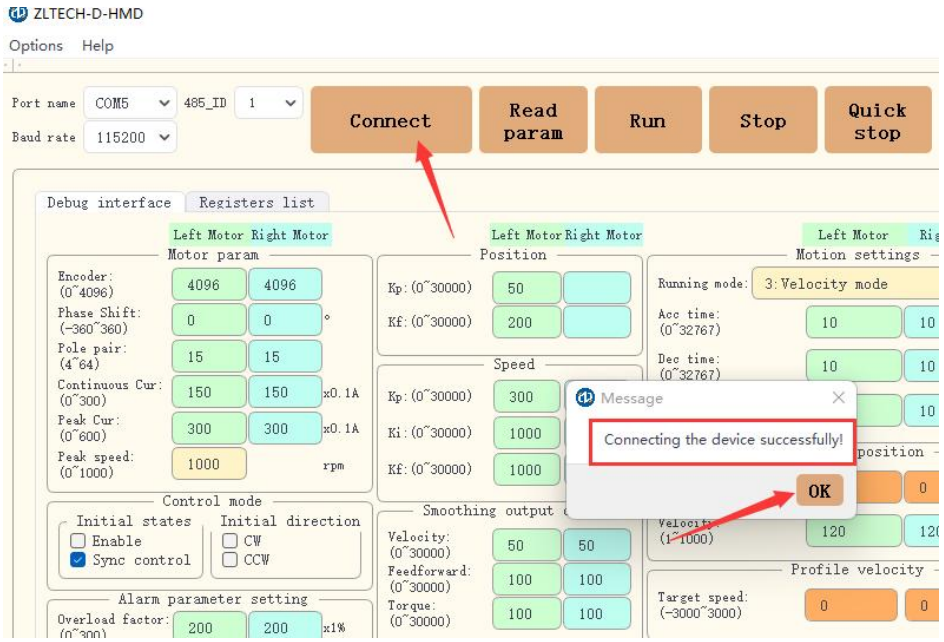
Power on the driver, then select the corresponding serial port, 485_ID and baud rate.

Warning：The ZLAC8015D host software supports only 19200-128000



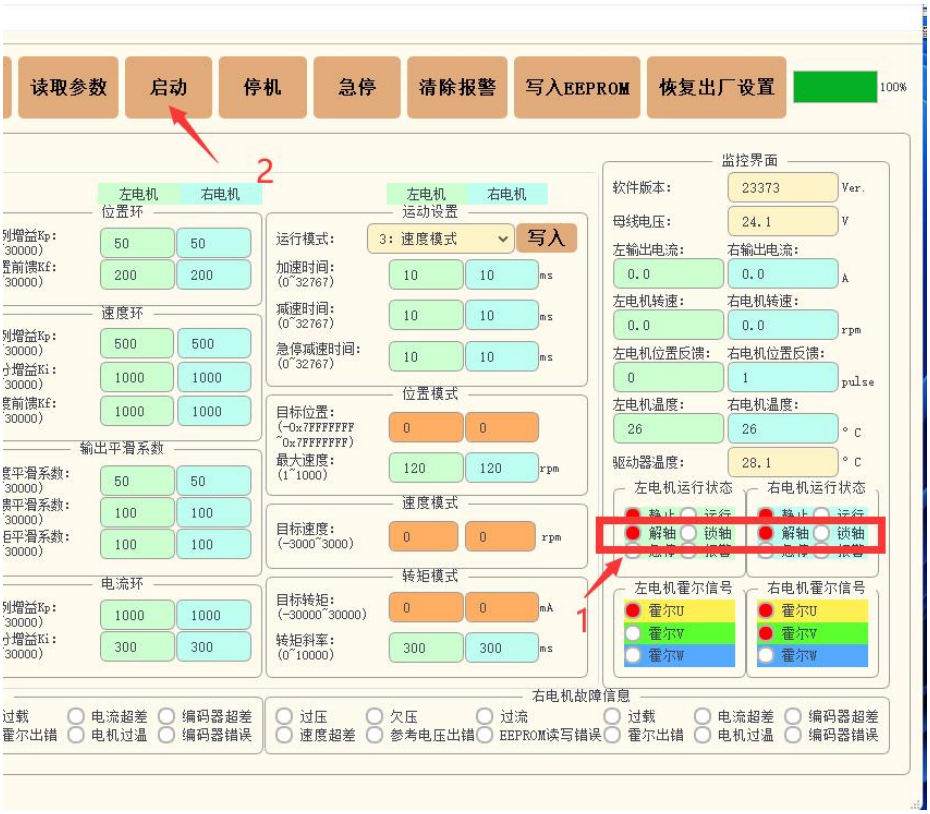
2.2、选择好相应的串口后，点击“连接”按钮→上位机就会弹出“设备连接成功”且自动读取上位机界面的参数→再点击“OK”

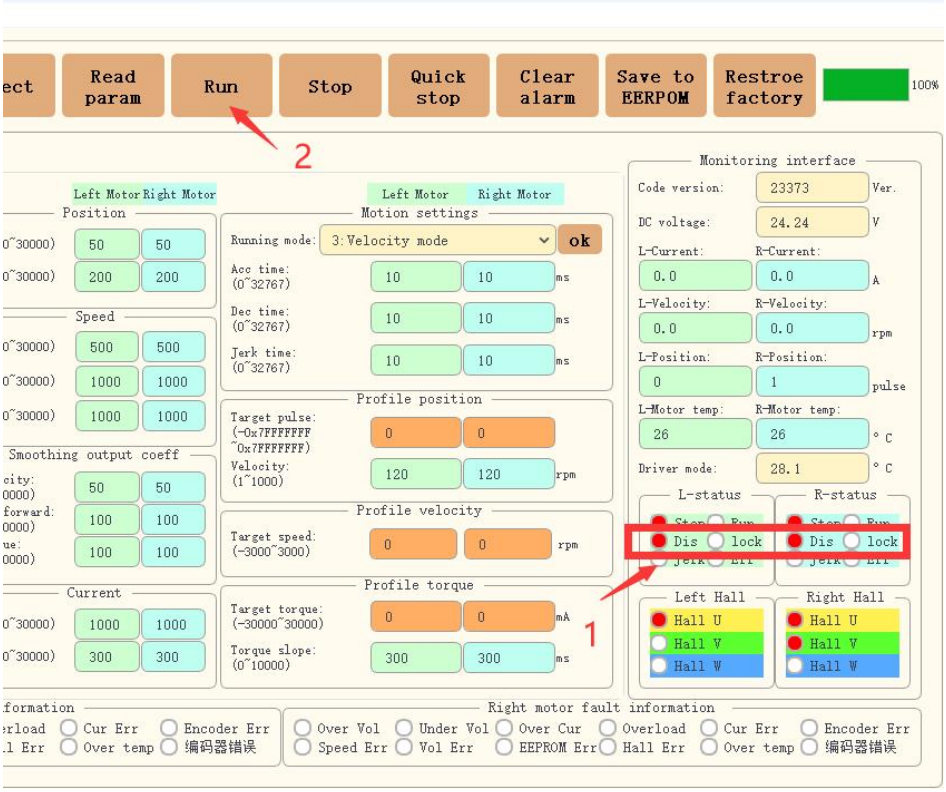
After selecting the corresponding serial port, click the "Connect" button →software will pop up "Connecting the device successfully", then read driver’s parameters automatically → Click "OK"



2.3、先看上位机“锁轴”是否开启，没有开启就要先点击“启动”

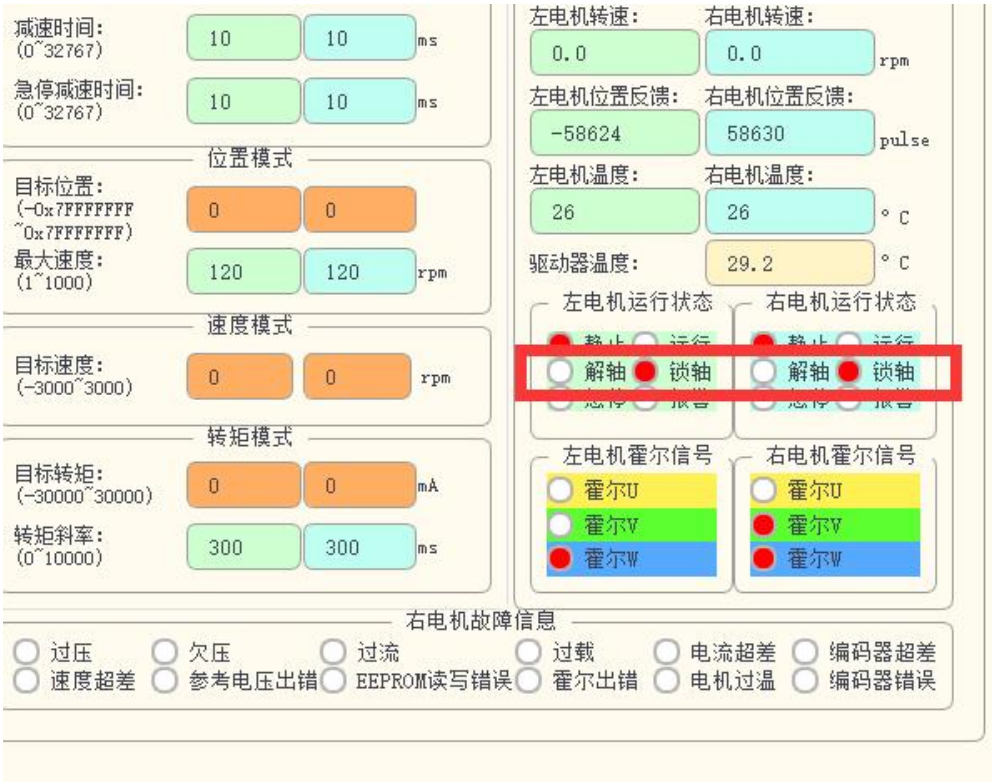
Check if the motor states is "lock". If not, click "Run" firstly.

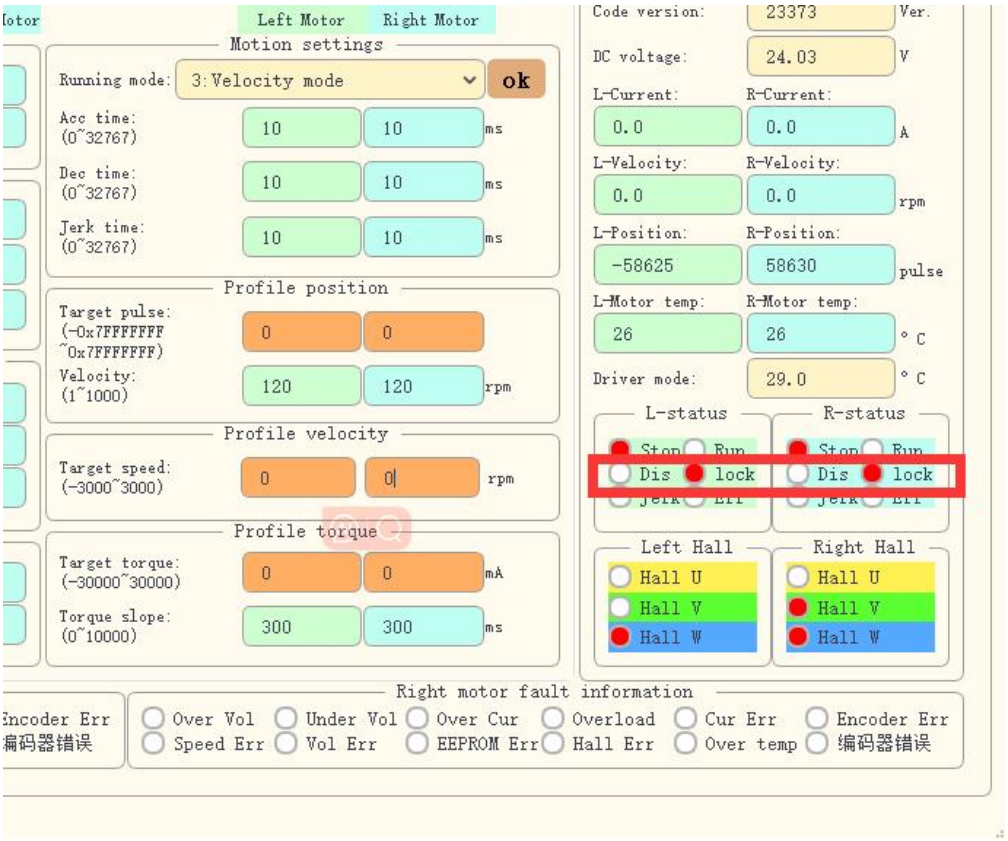




2.4、点击“启动”之后，电机的状态就会变成“锁轴”

After clicking "Run", the state of the motor will change to "lock"





2.5、打钩就是同步控制、没打钩就是异步控制

If synchronization control is selected, it means synchronous control; if it is not selected, it means asynchronous control

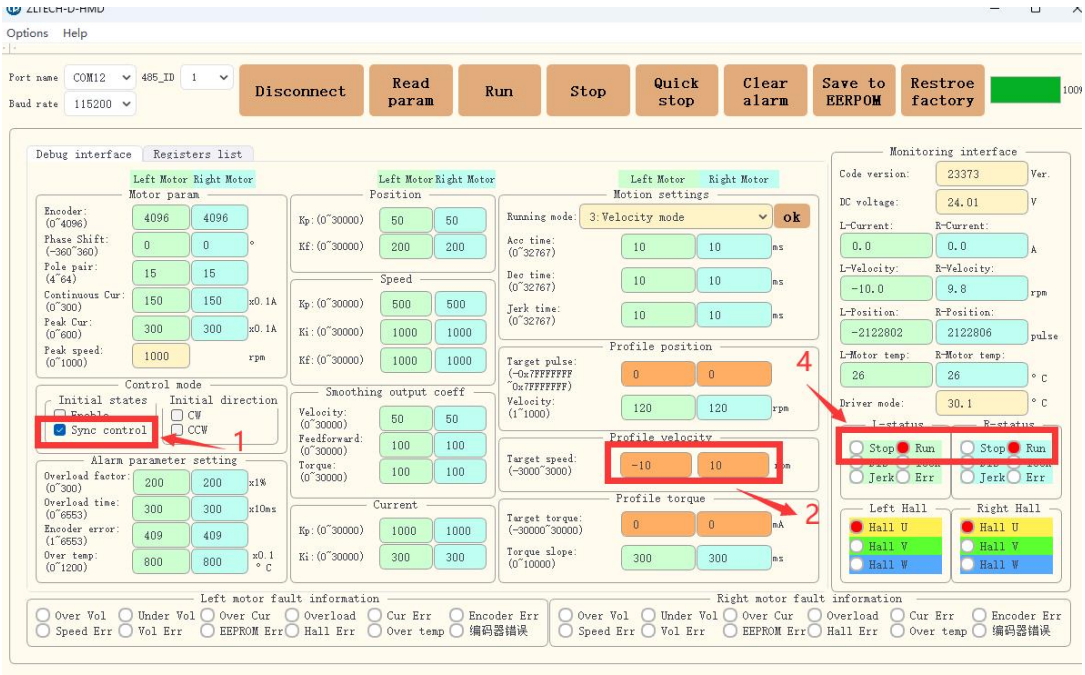
2.6、同步模式 synchronous mode

（1）同步控制 synchronous control

（2）给定“目标速度” Set target speed

（3）按键盘的“Enter”键 press the "Enter" key on the keyboard

（4）电机运行 then motor runs



2.7、异步模式 asynchronous mode

（1）异步控制 asynchronous control

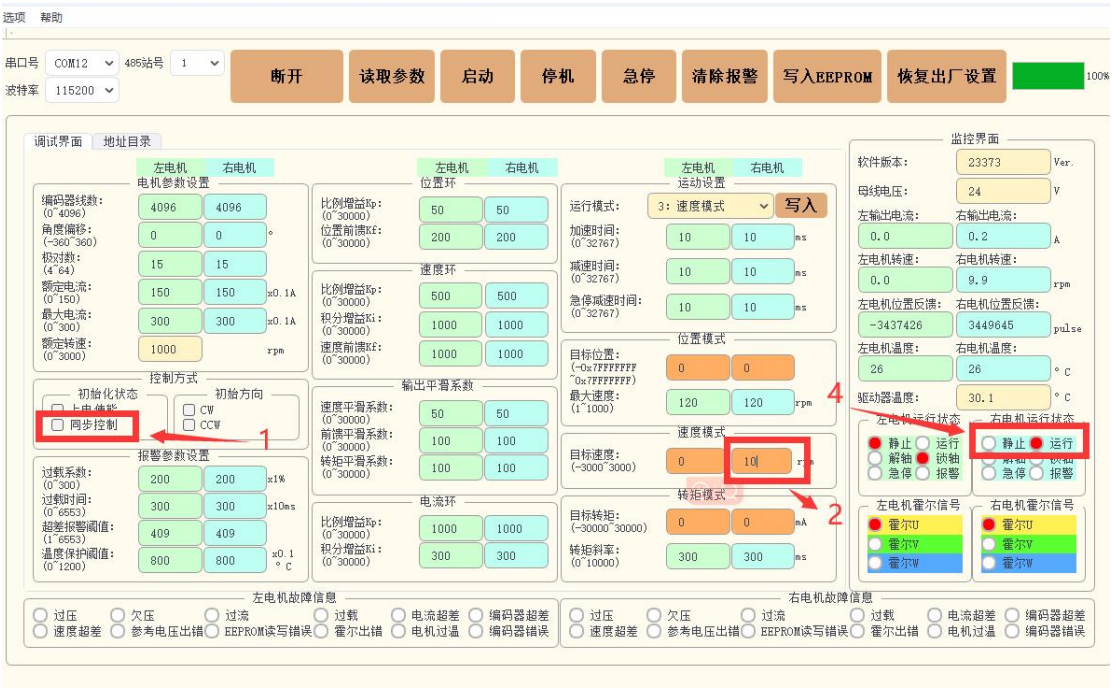
（2）给定“目标速度” Set target speed

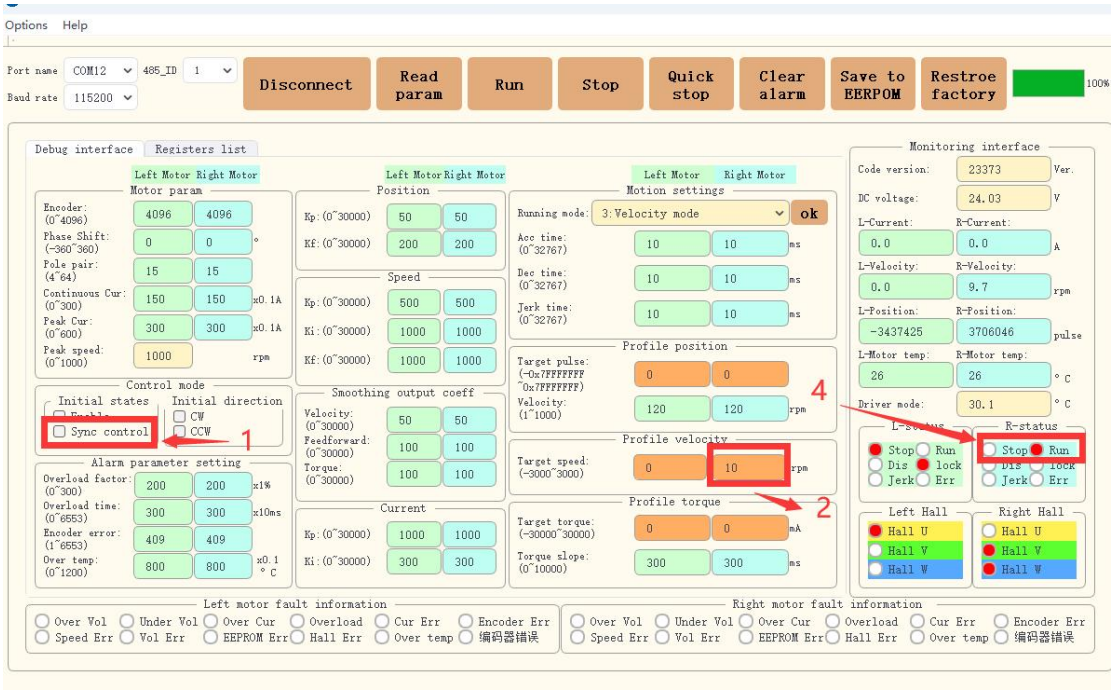
（3）按键盘的“Enter”键 press the "Enter" key on the keyboard

（4）电机运行 then motor runs

※其他模式使用以上同样的方法

※In other modes this method could be used





3、修改参数 Change Parameters

3.1、调试界面修改参数　Change parameters on Debug interface

（1）点击“调试界面”→修改想要修改的参数→按键盘的“Enter”键（目标值生效）

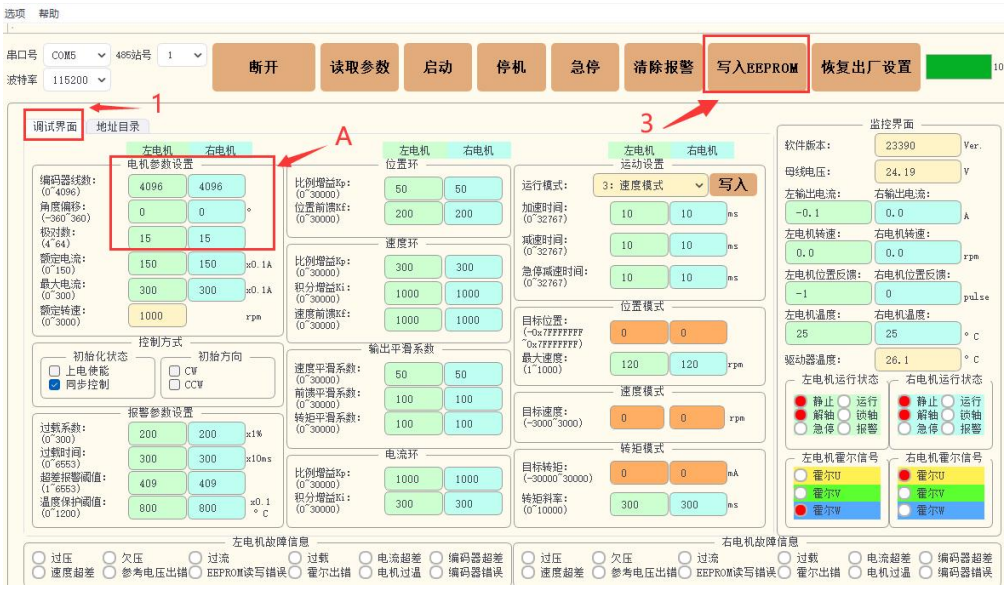
Click "Debug Interface" → Change parameters→ press "Enter" on the keyboard to make the target value to take effect

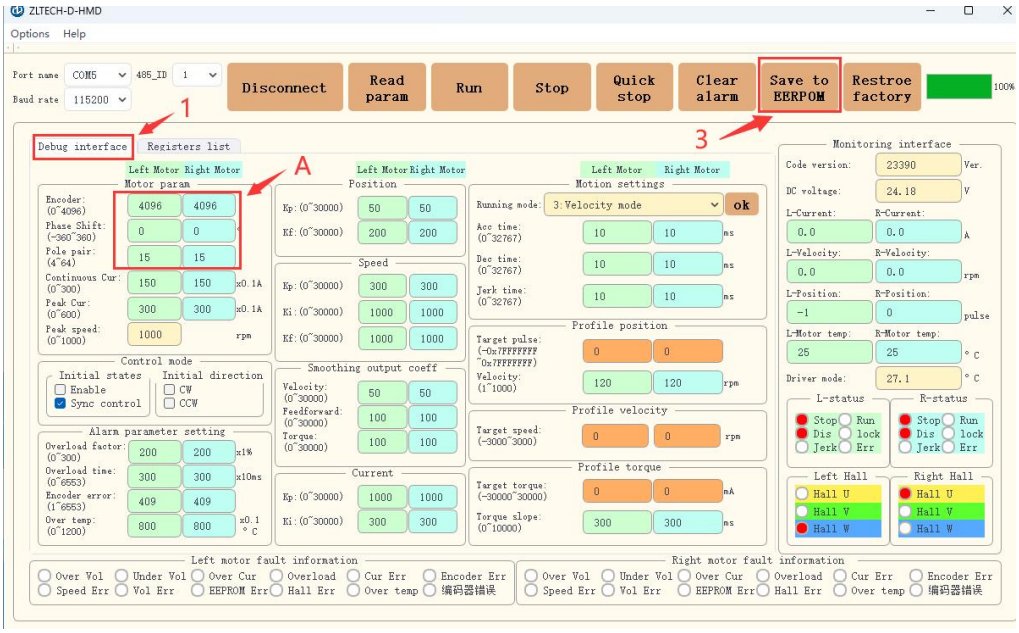
（3）如果用户需要将参数保存（重启电源也生效）→需要点击“写入 EEPROM”

If user needs to save the parameters (making the value to take effct after restarting) → Click "Save to EEPROM"

（A）如果用户需要更改“A”区域三个参数：修改参数→按键盘的“Enter”键→写入 EEPROM→重启电源

If user needs to change 3 parameters in the A area: Modify parameters → press "Enter" on the keyboard →Click "Save to EEPROM"→ Restart the driver

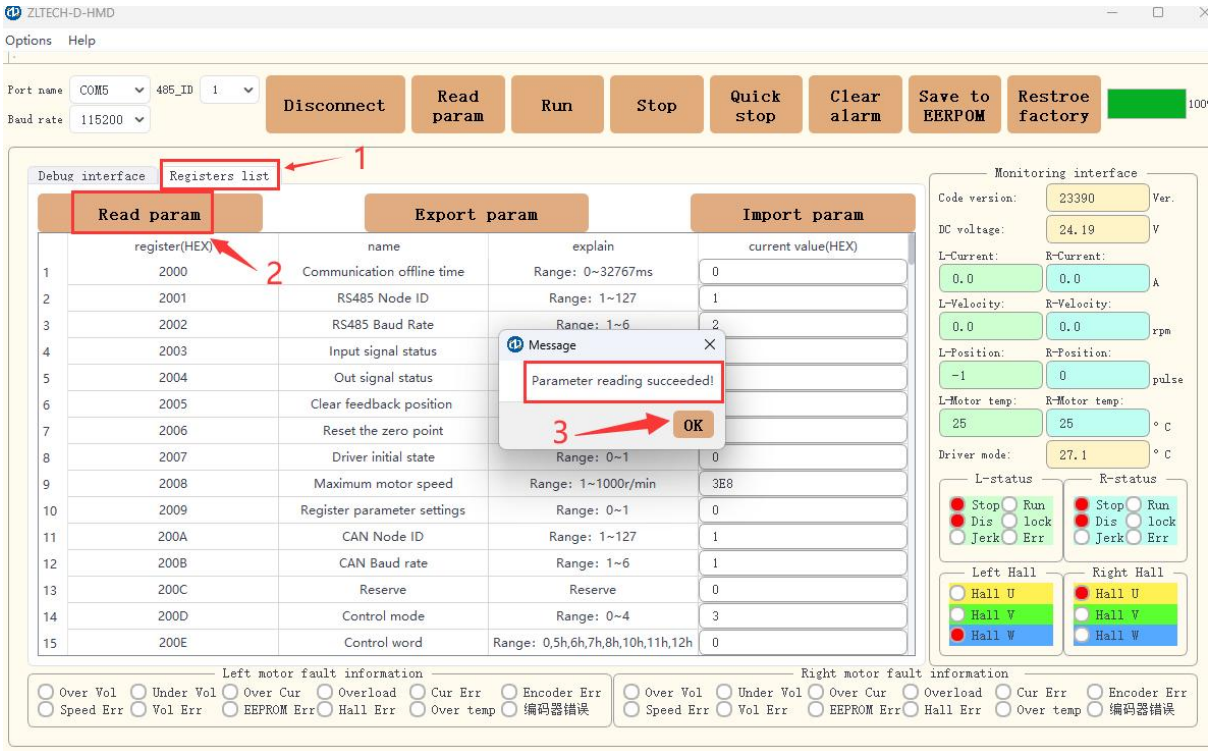




3.2、地址目录修改参数　Change parameters in Registers List

3.2.1、点击“地址目录”→ 读取全部参数 → OK

Click "Registers List" → Read parameters → OK

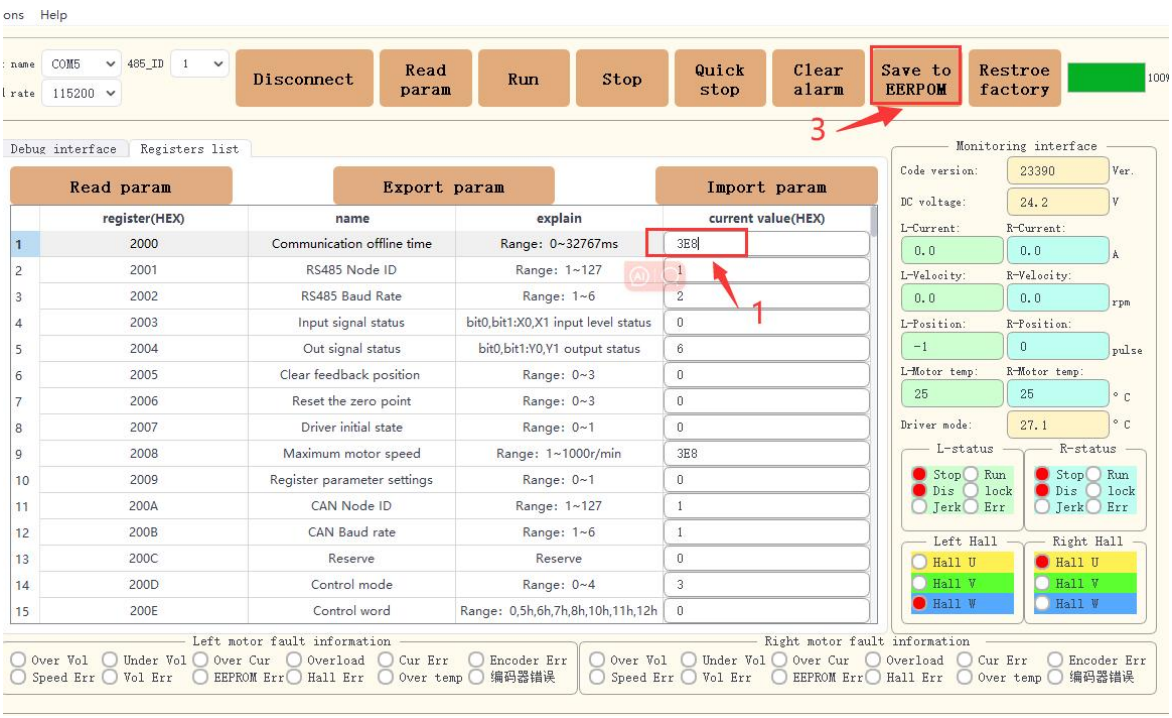


3.2.2、修改参数　Change Parameters

（1）修改想要修改的参数　Change the parameters you want

（2）按键盘的“Enter”键　Press “Enter” on the keyboard

（3）写入 EEPROM　Click “Save to EEPROM”

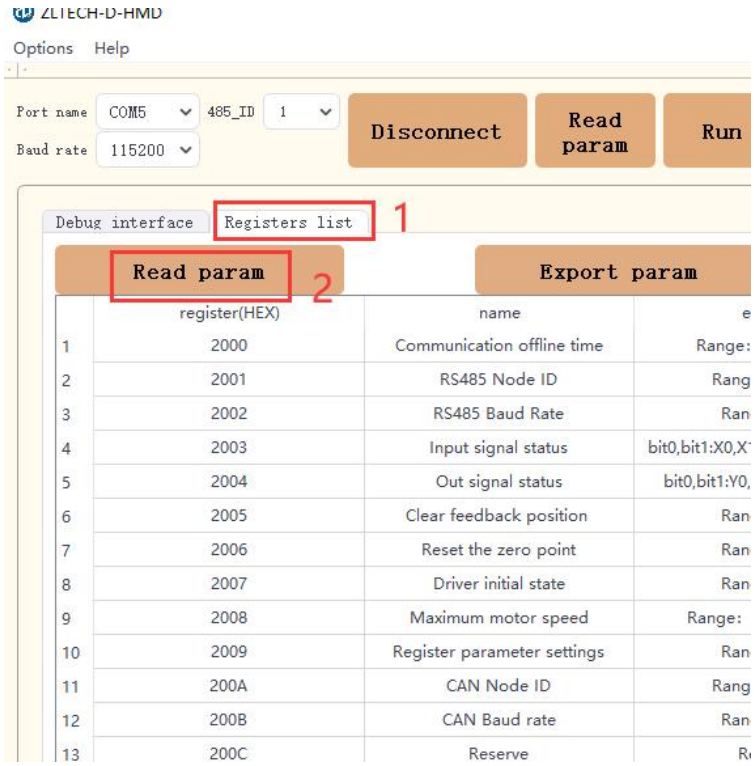


4、导出参数 Export Parameters

4.1、先点击“地址目录”→再点击“读取全部参数”→OK

Click "Registers List " → then click "Read parameters"→OK

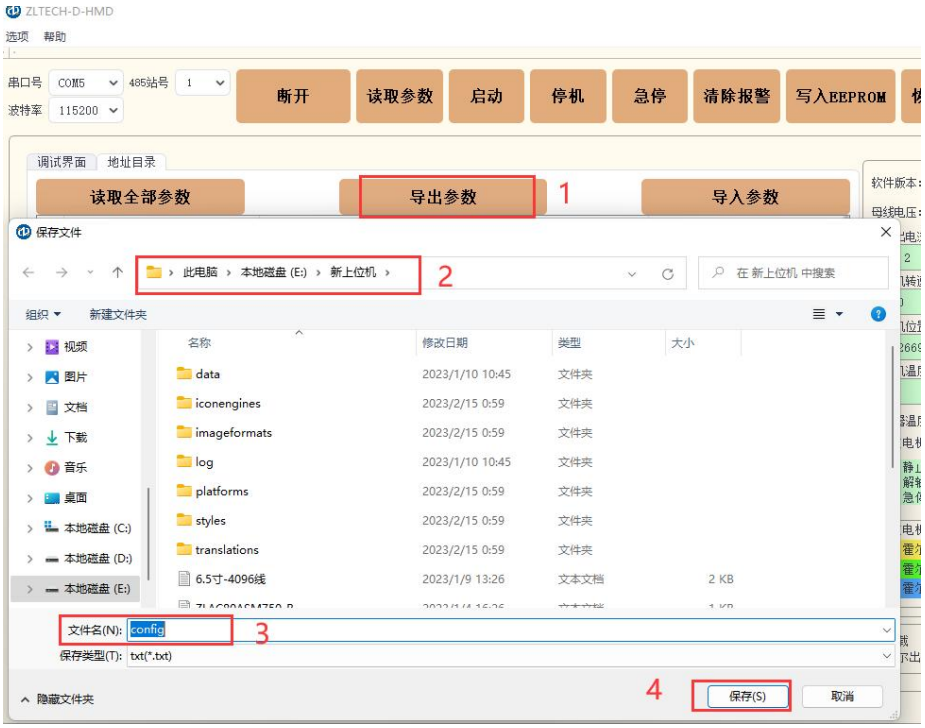
	寄存器(HEX)	名称	说明
1	2000	通信掉线保护时间	范围：0~3276ms
2	2001	RS485自定义驱动器节点号	范围：1~127
3	2002	RS485自定义通讯波特率	范围：1~6
4	2003	输入信号状态	bit0,bit1:X0,X1两路输入口状
5	2004	输出信号状态	bit0,bit1:Y0,Y1两路输出口状
6	2005	反馈位置清零	范围：0~3
7	2006	绝对位置模式当前位置清零	范围：0~3
8	2007	上电锁轴方式	范围：0~1
9	2008	电机最大转速	范围：1~1000r/min
10	2009	寄存器参数设置	范围：0~1
11	200A	CAN自定义驱动器节点号	范围：1~127

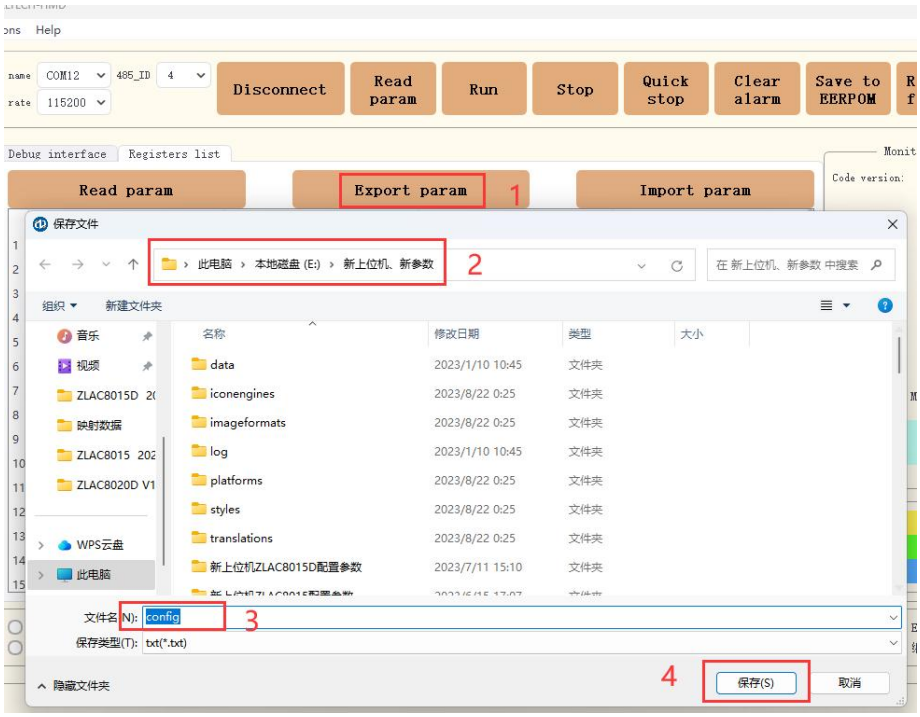


	register(HEX)	name	e
1	2000	Communication offline time	Range:
2	2001	RS485 Node ID	Rang
3	2002	RS485 Baud Rate	Ran
4	2003	Input signal status	bit0,bit1:X0,X
5	2004	Out signal status	bit0,bit1:Y0,
6	2005	Clear feedback position	Ran
7	2006	Reset the zero point	Ran
8	2007	Driver initial state	Ran
9	2008	Maximum motor speed	Range:
10	2009	Register parameter settings	Ran
11	200A	CAN Node ID	Rang
12	200B	CAN Baud rate	Ran
13	200C	Reserve	R

4.2、点击“导出参数”→选择保存参数的目录→修改保存参数的“文件名”→ 保存

Click "Export Parameters" →Select the directory you want to save the parameter file→Modify the "file name" of saved parameter file → Click “Save”





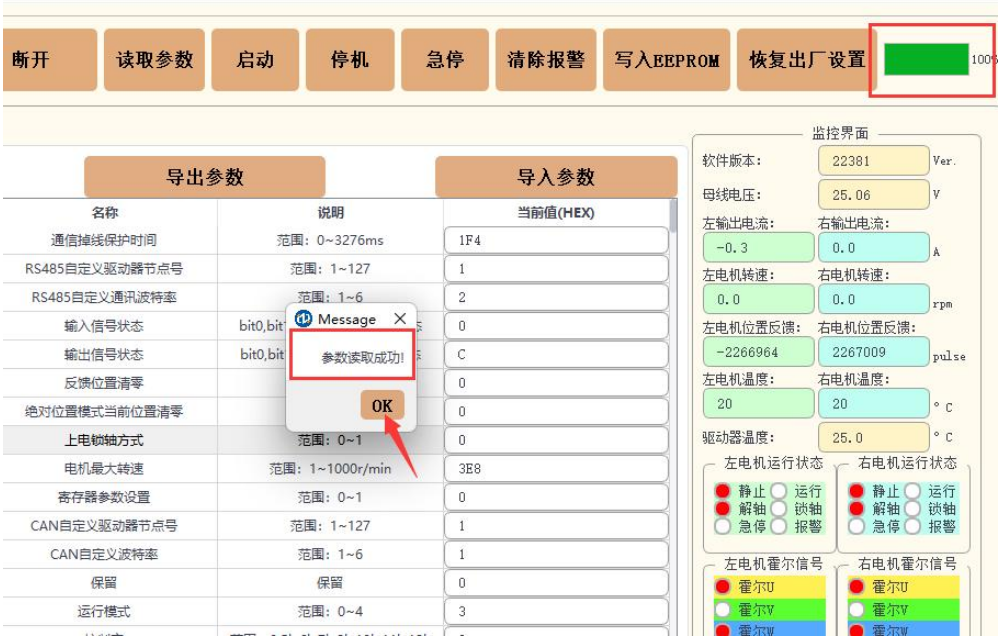
5、导入参数 Import Parameters

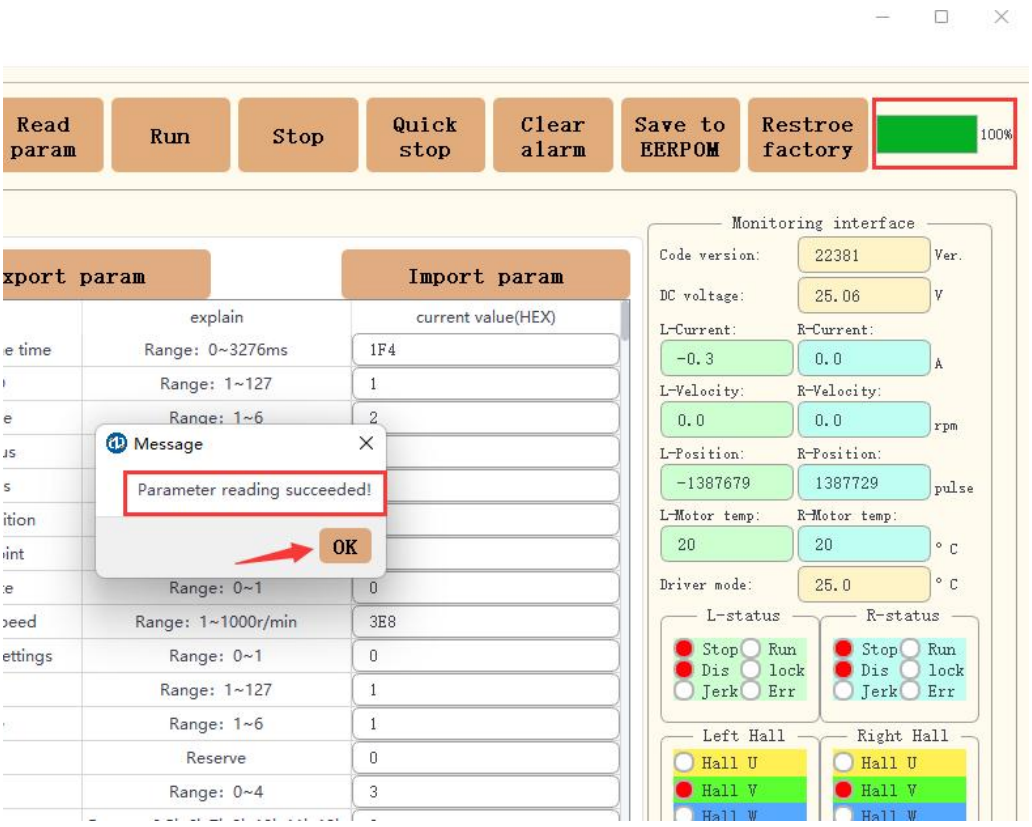
5.1、点击“导入参数”按钮→选择想要导入参数的文件→点击打开

Click "Import Parameters" button → Select the parameter file you want to import→Click“Open”

5.2、选择相应文件之后进度条就开始变化，直到进度条到达 100%并弹出对话框“参数读取成功”→点击“OK”

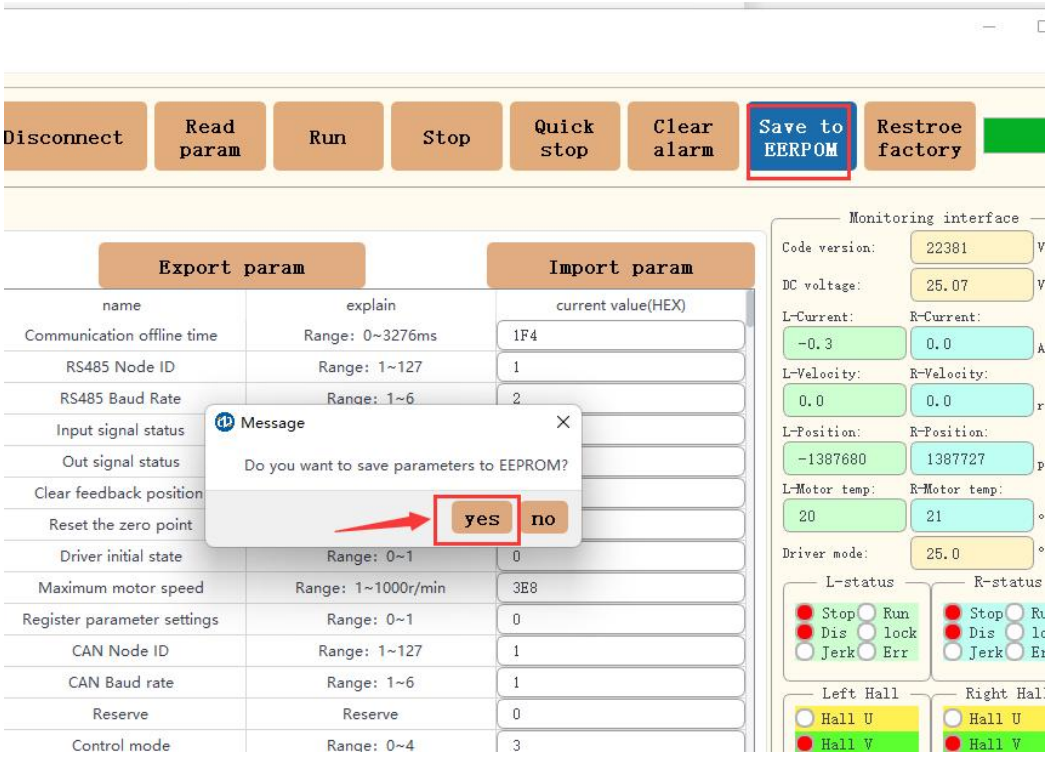
After selecting the corresponding parameter file, the progress bar will start to reach 100%, and "Parameter reading succeeded" will pop up → Click"OK"





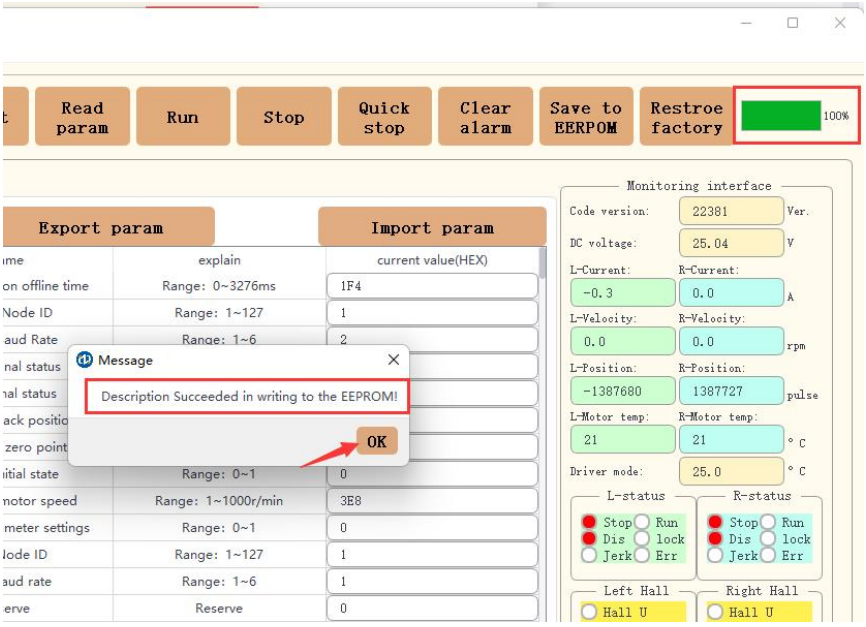
5.3、点击“写入 EEPROM”按钮→弹出对话框点击“YES”

Click "Save to EEPROM" button → Click "YES" in the pop-up dialog box



5.4、点击“YES”之后进度条就会开始变化直到 100%并弹出对话框“写入 EEPROM 成功”字样→点击“OK”→重启电源

After clicking "YES", the progress bar will start to reach 100%, and "Description Succeeded on writing to the EEPROM " will pop up→ Click "OK"→ Restart the driver



注意：写入 EEPROM 成功之后必须重启电源

Note: You need to restart the driver after the EEPROM is successfully written